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AMENDMENTS TO THE SPECIFICATION

Please replace the paragraphs at 3:6-16 with the following amended paragraphs:

BRIEF DESCRIPTION OF THE DRAWINGS

FIGURE 1 illustrates one embodiment of an artificial salivary gland constructed as a blind-end tube having • ~~(i)~~ a porous, biodegradable support; • ~~(ii)~~ a matrix component (peptides or macromolecules) that promotes formation of a polarized cell monolayer; • ~~(iii)~~ allogenic or autologous cells genetically engineered to secrete water and salt unidirectionally; and • ~~(iv)~~ an overall form that is easily implantable with an "exit" to the oral cavity.

FIGURE 2 illustrates another embodiment of the artificial salivary gland having • ~~(i)~~ an attachment surface; • ~~(ii)~~ a porous, biodegradable support; • ~~(iii)~~ a matrix component (peptides or macromolecules) that promotes formation of a polarized cell monolayer; • ~~(iv)~~ allogenic or autologous cells genetically engineered to secrete water and salt unidirectionally; and • ~~(v)~~ an overall form that is easily implantable with an "exit" to the oral cavity.